PTF 0,3/ 4-BB-10-H - Printed-circuit board connector

1707563

https://www.phoenixcontact.com/us/products/1707563

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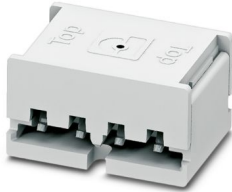
PCB direct plug, nominal cross section: 0.34 mm^2, color: white, rated voltage (III/2): 25 V, contact surface: Tin, contact connection type: Socket, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: PTF 0,3/..-BB-H, pitch: 2.4 mm, mounting: Direct plug-in method, plug-in system: COMBICON PTF, type of packaging: packed in cardboard, For flexible PCBs with a width of 10 mm and a permissible PCB thickness in the contact zone of 0.15 mm ... 0.3 mm

Your advantages

- Tool-free fast connection for flexible PCBs
- Small component size for applications where space is at a premium
- Reliable contacting of flexible PCBs, thanks to fixing pin
- Designed and tested according to IEC 60838-2-2

Commercial data

Item number	1707563
Packing unit	25 pc
Minimum order quantity	25 pc
Sales key	AA08
Product key	AAHRAB
GTIN	4046356934190
Weight per piece (including packing)	2.048 g
Weight per piece (excluding packing)	2.048 g
Customs tariff number	85366930
Country of origin	PL

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Technical data

Product properties

Product line	COMBICON Connectors Special
Product type	PCB direct plug
Product family	PTF 0,3/..-BB-H
Number of positions	4
Pitch	2.4 mm
Number of connections	4
Number of rows	1
Number of potentials	4

Electrical properties

Nominal voltage U_N	< 25 V
Degree of pollution	3
Rated voltage (III/3)	25 V
Rated voltage (III/2)	25 V

Mounting

Mounting type	Direct plug-in method

Material specifications

Material data - contact

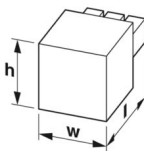|	
Note	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material	Cu alloy
Surface characteristics	hot-dip tin-plated
Metal surface contact area (top layer)	Tin (4 - 8 µm Sn)
Metal surface soldering area (top layer)	Tin (4 - 8 µm Sn)

Material data - housing

Color (Housing)	white (9010)
Insulating material	PBT
Insulating material group	IIIa
CTI according to IEC 60112	275
Flammability rating according to UL 94	V0

Dimensions

Dimensional drawing	

Pitch	2.4 mm
Width [w]	11.2 mm
Height [h]	4.8 mm
Length [l]	8 mm

Electrical tests

Temperature-rise test

Specification	IEC 60838-1:2004-10 + AMD 1:2008-07 + AMD 2:2011-03
Requirement temperature-rise test	Increase in temperature ≤ 45 K

Insulation resistance

Specification	IEC 60838-1:2004-10 + AMD 1:2008-07 + AMD 2:2011-03
Insulation resistance, neighboring positions	> 1 MΩ

Air clearances and creepage distances |

Specification	IEC 60838-1:2004-10 + AMD 1:2008-07 + AMD 2:2011-03
Insulating material group	IIIa
Rated insulation voltage (III/3)	25 V
Rated insulation voltage (III/2)	25 V

Environmental and real-life conditions

Vibration test

Specification	IEC 60068-2-6:2007-12
Frequency	10 - 500 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.35 mm (10 Hz ... 60.1 Hz)
Sweep speed	5g (60.1 Hz ... 150 Hz)
Test duration per axis	2 h

Glow-wire test

Specification	IEC 60695-2-11:2000-10
Temperature	650 °C
Time of exposure	30 s

Ambient conditions

Ambient temperature (operation)	-30 °C ... 100 °C (dependent on the derating curve)
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Relative humidity (storage/transport)	30 % ... 70 %

Packaging specifications

Type of packaging	packed in cardboard

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Classifications

ECLASS

ECLASS-11.0	27460202
ECLASS-12.0	27460202
ECLASS-13.0	27460202

ETIM

ETIM 9.0	EC002638

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

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